BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI DIVISION

Name of work_ :- Development of park and Construction of watchmen room at Sidedahalli Govt. School Park in Dasarahalli zone.

Detailed Estimate

Estimate Cost : 75.00 Lakhs

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
1	KSRRB 200-8.Clearing and grubbing thorney jungle including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications.								
	SR : 2018-19 **Page No :** 138		**Item No :** 18.12						
	Fencing Side	**Sqm**							
	South side		1	30.00	2.00		60.00		
			1	30.00	2.00		60.00		
			1	25.00	2.00		50.00		
	Rate Analysis								
	Basic Rate	15.00							
	Area Weightage @ 6%	0.90							
	Total	15.90							
						Total	**170.00**	**15.90**	**2703.00**
2	Removing and resetting of kerb stones								
	SR : 2018-19 **Page No :** 270		**Item No :** 37.57						
	For Kerb (Inside Park)	**m**							
	Kerb outer Circle		1	154.00			154.00		
	For Shoulder Drain		2	2.50			5.00		
	Kerb Inner Circle		1	125.00			125.00		
	Deduction for Damaged kerbs 20%						**-55.60**		
	For Kerb (North Side)								
	Park Front side		1	90.00			90.00		
	Rate Analysis								
	Basic Rate	99.00							
	Area Weightage @ 6%	5.94							
	Total	104.94							
						Total	**318.40**	**104.94**	**33412.90**
3	Removing and resetting of footpath slab								
	SR : 2018-19 **Page No :** 270		**Item No :** 37.56						
	For Pathway (Inside Park)	**Sqm**							
			1	5.00	4.00		20.00		
			1	18.55	4.35		80.69		
			1	4.95	4.35		21.53		
			1	30.00	2.60		78.00		
			1	30.00	2.47		74.10		
			1	9.80	2.50		24.50		
			1	28.50	2.50		71.25		

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			1	13.60	2.50		34.00		
	Deduction for Damaged kerbs 20%						-54.81		
	Rate Analysis								
	Basic Rate	197.00							
	Area Weightage @ 6%	11.82							
	Total	208.82							
						Total	**349.27**	**208.82**	**72933.52**
4	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	SR : 2018-19 **Page No** : 143		**Item No** : 19.1						
	Earthwork for Kerb	**Cum**							
	For Kerb (Inside Park)								
	Kerb outer Circle		1	154.00	0.20	0.15	4.62		
	For Shoulder Drain		2	2.50	0.20	0.15	0.15		
	Kerb Inner Circle		1	125.00	0.20	0.15	3.75		
	For Kerb (North Side)								
	Park Front side		1	90.00	0.20	0.15	2.70		
	For New Kerb (Towards Gazebo)								
			2	11.80	0.20	0.15	0.71		
			2	12.65	0.20	0.15	0.76		
	For Pathway (Inside Park)	**Sqm**							
			1	5.00	4.00	0.20	4.00		
			1	18.55	4.35	0.20	16.14		
			1	4.95	4.35	0.20	4.31		
			1	30.00	2.60	0.20	15.60		
			1	30.00	2.47	0.20	14.82		
			1	9.80	2.50	0.20	4.90		
			1	28.50	2.50	0.20	14.25		
			1	13.60	2.50	0.20	6.80		
	For Pathway (Towards Gazebo)								
			2	11.80	2.30	0.15	8.14		
			2	12.65	2.30	0.15	8.73		
	School Front Area								
			1	30.50	18.10	0.15	82.81		
	Rate Analysis								
	Basic Rate	130.00							
	Area Weightage @ 6%	7.80							
	Lead upto 5km(5*1.28*2)+57	69.80							
	Total	207.60							
						Total	**193.18**	**207.60**	**40104.17**

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
5	Earthwork For Hard Soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification. No. KBS 2 .1 (a)/2.3.1								
	SR : 2018-19 **Page No :** 6		**Item No :** 2.2						
	For Katte (Around Tree)	Cum							
			1	11.00	1.00	1.00	11.00		
	For Gazebo								
	Columns		8	1.00	1.00	1.20	9.60		
	Foundation		1	18.85	0.90	1.00	16.97		
	For Rain Water Harvesting								
			2	3.14*1.5*1.5/4		3.00	10.60		
	Rate Analysis								
	Basic Rate	349.00							
	Area Weightage @ 6%	20.94							
	Lead upto 5km(5*1.28*2)+57	69.80							
	Total	439.74							
						Total	**48.17**	**439.74**	**21180.08**
6	Earthwork for Oridinary soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification. No. KBS 2 .1 (a)/2.3.1								
	SR : 2018-19 **Page No :** 6		**Item No :** 2.1						
	For Play Area	Cum							
			1	8.15	8.30	0.30	20.29		
	Multi play equipment(area)		1	12.00	8.50	0.30	30.60		
	Disilting								
	Park Front		1	90.00	0.75	0.90	60.75		
	Providing New Grill Work								
	Around Park (Inside Kerb)		1	135.00	0.30	0.30	12.15		
	Rate Analysis								
	Basic Rate	249.00							
	Area Weightage @ 6%	14.94							
	Lead upto 5km(5*1.28*2)+57	69.80							
	Total	333.74							
						Total	**123.79**	**333.74**	**41314.84**
7	100 mm and down nominal size								
	SR : 2018-19 **Page No :** 1		**Item No :** 23			**Code No :** 0175			
	For Rain Water Harvesting	Cum							

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	3.14x1.2x1.2/4		2	0.36		0.75	0.54		
	Rate Analysis								
	Basic Rate	987.62							
	Area Weightage @ 6%	59.26							
	Total	1046.88							
						Total	**0.54**	**1046.88**	**565.31**
8	40 mm nominal size								
	SR : 2018-19 **Page No :** II		**Item No :** 25			**Code No :** 0750			
	For Rain Water Harvesting	**Cum**							
			2	0.36		0.75	0.54		
	Rate Analysis								
	Basic Rate	1091.43							
	Area Weightage @ 6%	65.49							
	Total	1156.92							
						Total	**0.54**	**1156.92**	**624.73**
9	20 mm nominal size								
	SR : 2018-19 **Page No :** II		**Item No :** 28			**Code No :** 0749			
	For Rain Water Harvesting	**Cum**							
			2	0.36		0.75	0.54		
	Rate Analysis								
	Basic Rate	1091.43							
	Area Weightage @ 6%	65.49							
	Total	1156.92							
						Total	**0.54**	**1156.92**	**624.73**
10	6 mm nominal size								
	SR : 2018-19 **Page No :** II		**Item No :** 31			**Code No :** 0707			
	For Rain Water Harvesting	**Cum**							
			2	0.36		0.75	0.54		
	Rate Analysis								
	Basic Rate	1091.43							
	Area Weightage @ 6%	65.49							
	Total	1156.92							
						Total	**0.54**	**1156.92**	**624.73**
11	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2including cost of materials, labour, HOM complete as per specifications, curing complete as per specifications.								
	SR : 2018-19 **Page No :** 255		**Item No :** 34.7.8						
	1200mm Dia	**m**							
			1	3.00			3.00		
	Rate Analysis								

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Basic Rate	5638.00							
	Area Weightage @ 6%	338.28							
	Total	5976.28							
						Total	**3.00**	**5976.28**	**17928.84**
12	Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications. MORTH Specification No. 1207								
	SR : 2018-19 **Page No :** 217		**Item No :** 26.124						
	For Play Area	**Cum**							
			1	8.15	8.30	0.25	16.91		
	Multi play equipment(area)		1	12.00	8.50	0.25	25.50		
	Rate Analysis								
	Basic Rate	2648.00							
	Area Weightage @ 6%	158.88							
	Total	2806.88							
						Total	**42.41**	**2806.88**	**119043.29**
13	Providing, laying, spreading and compacting cushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406								
	SR : 2018-19 **Page No :** 155		**Item No :** 20.18						
	For Pathway (Inside Park)	**Cum**							
			1	5.00	4.00	0.15	3.00		
			1	18.55	4.35	0.15	12.10		
			1	4.95	4.35	0.15	3.23		
			1	30.00	2.60	0.15	11.70		
			1	30.00	2.47	0.15	11.12		
			1	9.80	2.50	0.15	3.68		
			1	28.50	2.50	0.15	10.69		
			1	13.60	2.50	0.15	5.10		
	For Pathway (Towards Gazebo)								
			2	11.80	2.30	0.15	8.14		
			2	12.65	2.30	0.15	8.73		
	School Front Area								
			1	30.50	18.10	0.15	82.81		
	Rate Analysis								
	Basic Rate	1888.00							
	Area Weightage @ 6%	113.28							
	Total	2001.28							
						Total	**160.29**	**2001.28**	**320783.67**

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
14	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2								
	SR : 2018-19 **Page No :** 13		**Item No :** 4.7						
	For Kerb (Inside Park)	**Cum**							
	Kerb outer Circle		1	154.00	0.20	0.10	3.08		
	For Shoulder Drain		2	2.50	0.20	0.10	0.10		
	Kerb Inner Circle		1	125.00	0.20	0.10	2.50		
	For Kerb (North Side)								
	Park Front side		1	90.00	0.20	0.10	1.80		
	Providing New Grill Work								
	Around Park (Inside Kerb)		1	135.00	0.20	0.20	5.40		
	For New Kerb (Towards Gazebo)								
			2	11.80	0.20	0.10	0.47		
			2	12.65	0.20	0.10	0.51		
	For Katte (Around Tree)								
			1	11.00	1.00	0.10	1.10		
	For Gazebo								
	Columns		8	1.00	1.00	0.10	0.80		
	Foundation		1	18.85	0.90	0.10	1.70		
	Flooring		8	1.80	5.00	0.10	7.20		
	Rate Analysis								
	Basic Rate	5309.00							
	Area Weightage @ 6%	318.54							
	Total	5627.54							
							Total	**24.65**	**5627.54**	**138744.18**
15	Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.								
	SR : 2018-19 **Page No :** 14		**Item No :** 4.11						
	For Katte (Around Tree)	**Cum**							
			1	11.00	0.60	0.20	1.32		
	For Gazebo								
	Columns		8	0.60	0.60	1.00	2.88		
	Foundation		1	18.85	0.45	0.20	1.70		
	For New Fencing								
	Columns		9	0.60	0.60	0.60	1.94		

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Rate Analysis								
	Basic Rate	5659.00							
	Area Weightage @ 6%	339.54							
	Total	5998.54							
						Total	**7.84**	**5998.54**	**47031.55**
16	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3								
	SR : 2018-19 **Page No :** 14		**Item No :** 4.46.2						
	M20 Qty	**Tonne**							
	For Katte (Around Tree)		100Kg/cum		7.84		0.78		
	For Gazebo								
	Rate Analysis								
	Basic Rate	70966.00							
	Area Weightage @ 6%	4257.96							
	Total	75223.96							
						Total	**0.78**	**75223.96**	**58674.69**
17	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.								
	SR : 2018-19 **Page No :** 16		**Item No :** 4.31						
	For Katte (Around Tree)	**Sqm**							
			1	11.00		0.20	2.20		
	For Gazebo								
	Columns		8	2.40		1.00	19.20		
	Foundation		2	18.85		0.20	7.54		
	For New Fencing								
	Columns		9	1.20		0.60	6.48		
	Rate Analysis								
	Basic Rate	358.00							
	Area Weightage @ 6%	21.48							
	Total	379.48							
						Total	**35.42**	**379.48**	**13441.18**
18	Providing and constructing granite / trap / basalt size stone masonry do - cement mortar 1:6 in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	SR : 2018-19 **Page No :** 25		**Item No :** 5.6						
	For Katte (Around Tree)	**cum**							
			1	11.00	0.80	1.00	8.80		
	For Gazebo								

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Foundation		1	18.85	0.60	0.60	6.79		
			1	18.85	0.45	0.60	5.09		
	Rate Analysis								
	Basic Rate	4596.00							
	Area Weightage @ 6%	275.76							
	Total	4871.76							
						Total	**20.68**	**4871.76**	**100726.07**
19	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	SR : 2018-19 **Page No** : 27		**Item No** : 5.30						
	For New Kerb	**No,s**							
	Damaged Portion 30%		1	52.00			115.56		
	Rate Analysis								
	Basic Rate	408.00							
	Area Weightage @ 6%	24.48							
	Total	432.48							
						Total	**72.00**	**432.48**	**31138.56**
20	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force there by forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS								
	SR : 2018-19 **Page No** : 103		**Item No** : 14.6						
	For Pathway (Towards Gazebo)	**Sqm**							
			2	11.80	2.30		54.28		
			2	12.65	2.30		58.19		
	Damaged Portion 30%		1	44.00	2.30		101.20		
	School Front Area								
			1	30.50	18.10		552.05		
	Rate Analysis								
	Basic Rate	1053.00							
	Area Weightage @ 6%	63.18							
	Total	1116.18							
						Total	**765.72**	**1116.18**	**854681.35**

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
21	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free endsshall be welded to the pole and block pipe at top and bottom asrequired including cost of all materials, labour, lead and lifts and as per thedirections of the Engineer-in-charge of work including two coats of approvedquality paint over one coat o f shop paint, including cost of materials, labour,HOM complete as per specifications.								
	SR : 2018-19 **Page No :** 266		**Item No :** 37.3						
	For Fencing	**Sqm**							
	East Side		1	11.80		2.30	27.14		
	West Side		2	6.00		2.30	27.60		
			4	6.00		2.30	55.20		
	Rate Analysis								
	Basic Rate	715.00							
	Area Weightage @ 6%	42.90							
	Total	757.90							
							Total	**109.94**	**757.90**	**83323.53**
22	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 mincluding removing the bends, cutting the pipe, and fixing pipe in between theexisting two verticle poles (M.S. rectangular poles) and spot welding the chainlink with M.S. block pipe including cost of all materials wastage in cutting,and scaffolding wherever necessary with all lead and lift as directed by theEngineer-in-charge of work etc., complete including two coats of approvedquality paint over one coat of shop paint, including cost of materials,labour,HOM complete as per specifications..								
	SR : 2018-19 **Page No :** 266		**Item No :** 37.4						
	Damaged Portion	**m**							
			10	8.00			80.00		
	For New Fencing		2	11.80			23.60		
			2	6.00			12.00		
	Rate Analysis								
	Basic Rate	408.00							
	Area Weightage @ 6%	24.48							
	Total	432.48							
							Total	**115.60**	**432.48**	**49994.69**
23	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles m of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats o f approved quality paint over one coat of shop painting (excluding cost o f earthwork and concrete) including cost of materials, labour, HOM complete as per specifications								
	SR : 2018-19 **Page No :** 266		**Item No :** 37.2						
	Damaged Portion	**m**							
			20	2.70			54.00		
	For New Fencing		6	2.70			16.20		

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			3	2.70			8.10		
	Rate Analysis								
	Basic Rate	859.00							
	Area Weightage @ 6%	51.54							
	Total	910.54							
						Total	**78.30**	**910.54**	**71295.28**
24	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification								
	SR : 2018-19 **Page No** : 43		**Item No** : 7.29						
	For Gazebo	**Kg**		27.3Kg/m					
	M S Pipes 200mm out side dia medium 5.9mm thickness		8	2.80			22.40		
							611.52	**Kgs**	
	M S Rectangalur Hallow Sections			9.67Kg/m					
			8	2.40			19.20		
			16	3.50			56.00		
							727.18	**Kgs**	
	Purlins			3.27Kg/m					
	50x25x3.2		8	4.16			33.28		
			8	3.91			31.28		
			8	3.66			29.28		
			8	3.41			27.28		
			8	3.16			25.28		
			8	2.92			23.36		
			8	2.67			21.36		
			8	2.42			19.36		
			8	2.17			17.36		
			8	1.92			15.36		
			8	1.67			13.36		
			8	1.42			11.36		
			8	1.18			9.44		
			8	0.93			7.44		
			8	0.68			5.44		
			8	0.43			3.44		
							960.33	**Kgs**	
	Gusset Plate			78.5Kg/m					
	(10mm thick)		8	0.23	0.23		0.42		
							32.97	**Kgs**	
	Rate Analysis								
	Basic Rate	111.00							

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Area Weightage @ 6%	6.66							
	Total	117.66							
						Total	**2332.00**	**117.66**	**274383.12**
25	Supplying and fixing new Mangalore tiles on existing reepers including cost of materials, labour, HOM complete as per specifications.								
	SR : 2018-19 **Page No :** 267		**Item No :** 37.9						
	For Gazebo Roofing	**Sqm**							
			8	1.18	6.00		56.64		
	Rate Analysis								
	Basic Rate	407.00							
	Area Weightage @ 6%	24.42							
	Total	431.42							
						Total	**56.64**	**431.42**	**24435.63**
26	Providing Mangalore Ridge tiles se t in C.M. 1:2 and pointed with m C.M. 1:2. including cost o f materials, labour, HOM complete as per								
	SR : 2018-19 **Page No :** 266		**Item No :** 37.7						
	For Gazebo	**Sqm**							
			8	6.00			48.00		
	Rate Analysis								
	Basic Rate	204.00							
	Area Weightage @ 6%	12.24							
	Total	216.24							
						Total	**48.00**	**216.24**	**10379.52**
27	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 he.avy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.								
	SR : 2018-19 **Page No :** 112		**Item No :** 14.62						
	For Gazebo Flooring	**Sqm**							
			1	18.00	3.00		54.00		
	Rate Analysis								
	Basic Rate	1232.00							
	Area Weightage @ 6%	73.92							
	Total	1305.92							
						Total	**54.00**	**1305.92**	**70519.68**

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
28	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification								
	SR : 2018-19 **Page No :** 45		**Item No :** 7.37						
	For Gate	**Sqm**							
			1	3.85		2.30	8.86		
			1	0.75		2.10	1.58		
	Rate Analysis								
	Basic Rate	3012.00							
	Area Weightage @ 6%	180.72							
	Total	3192.72							
						Total	**10.43**	**3192.72**	**33300.07**
29	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at -the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification								
	SR : 2018-19 **Page No :** 44		**Item No :** 7.36						
	For Play Area	**Sqm**							
			1	8.30		1.20	9.96		
			1	5.28		1.20	6.34		
			1	10.00		1.20	12.00		
			1	11.00		1.20	13.20		
	Providing New Grill Work	**Sqm**							
	Around Park (Inside Kerb)		1	135.00		1.20	162.00		
	Rate Analysis								
	Basic Rate	5369.00							
	Area Weightage @ 6%	322.14							
	Total	5691.14							
						Total	**203.50**	**5691.14**	**1158124.23**
30	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as								
	SR : 2018-19 **Page No :** 123		**Item No :** 15.73						

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Providing New Grill Work	**Sqm**							
	Around Park (Inside Kerb)		1	135.00		1.20	162.00		
	Rate Analysis								
	Basic Rate	41.00							
	Area Weightage @ 6%	2.46							
	Total	43.46							
						Total	**162.00**	**43.46**	**7040.52**
31	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and otherforeign matter, including cost of materials, labour, complete as per specifications.								
	SR : 2018-19 **Page No :** 123		**Item No :** 15.74						
	For Fencing	**Sqm**							
	East Side		2	11.8		2.3	54.28		
	West Side		2	6.00		2.3	27.6		
	For Block Pipe								
	Damaged Portion								
			5	8.00		0.38	15.20		
	For New Fencing		2	11.80		0.38	8.97		
			2	6.00		0.38	4.56		
	For Rectangular Poles								
	Damaged poles		5	2.70		0.40	5.40		
	For New Fencing		6	2.70		0.40	6.48		
			3	2.70		0.40	3.24		
	For Fencing								
	East Side		2	34.00		2.3	156.4		
	West Side		2	39.00		2.3	179.4		
	North Side		2	79.00		2.3	363.4		
	South Side		2	84.00		2.3	386.4		
	For Gate	**Sqm**							
			2	3.85		2.3	17.71		
			2	0.75		2.1	3.15		
	Rate Analysis								
	Basic Rate	95.00							
	Area Weightage @ 6%	5.70							
	Total	100.70							
						Total	**1232.19**	**100.70**	**124081.33**
32	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	SR : 2018-19 **Page No :** 180		**Item No :** 24.1						
	For Kerb (Inside Park)	**sqm**							
	Kerb outer Circle		1	154.00		0.45	69.30		
	For Shoulder Drain		2	2.50		0.45	2.25		
	Kerb Inner Circle		1	125.00		0.45	56.25		
	For Kerb (North Side)								
	Park Front side		1	90.00		0.45	40.50		

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	For New Kerb (Towards Gazebo)								
			2	11.80		0.45	10.62		
			2	12.65		0.45	11.39		
	Rate Analysis								
	Basic Rate	80.00							
	Area Weightage @ 6%	4.80							
	Total	84.80							
						Total	**190.31**	**84.80**	**16137.86**
33	Providing and laying pre-cast drain cover slabs of 100mm thickness in C.M (1:3) including cost and of all materials, labour,curing transportaion loading and unloading etc. as per directions of the Engineer-in-charge of the work.(date rate approved)								
	Apporved Rate								
	100 mm Salbs	**sqm**							
	Damaged Portion 50%		1	47.00	0.90		42.30		
						Total	**41.00**	**2208.00**	**90528.00**
34	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirups. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineer incharge of the work. The cost includes excavation, bare cost of all materials, cost of steel, centering, transportation charges, fixing charges, labour, HOM etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work.								
	SR : 2018-19 **Page No :** 180		**Item No :** 24.1						
	RCC Name Board	**Each**							
			1				1.00		
	Rate Analysis								
	Basic Rate	5500.00							
	Area Weightage @ 6%	330.00							
	Total	5830.00							
						Total	**1.00**	**5830.00**	**5830.00**
35	Fiber Dustbin SS Dustbin with Ms Pole 3ft								
	Approved Data Rate								
		No,s							
			7				7.00		
						Total	**7.00**	**17500.00**	**122500.00**
36	Fiber Dustbin Modern type Rabbit Dustbin 3.75ft								
	Approved Data Rate								
		No,s							
			3				3.00		
						Total	**3.00**	**18050.00**	**54150.00**

Sl N	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
37	Stone pagola: Providing and fixing of stone pargola by size of 1.20mt Width, 1.80mt length, 2.5mt ht by 3"X4" size single line dresses 4No.s Column and 2nos beam and 4 nos of rafters. Inclusive of fixing charges and transporatation and earthwork excavation (Data rate approved)								
	Approved Data Rate								
	Stone Pargola	**Nos**							
			2				2.00		
						Total	**2.00**	**140000.00**	**280000.00**
38	Executive Bench : Made out of Sadarohally Grey Stone with hand supporters with 3 line finishing with arch Design with 100 mm Slab Height 90 x length 150 Width 45 Cms								
	Approved Data Rate								
	Granite Benches	**No,s**							
			24				24.00		
						Total	**24.00**	**18200.00**	**436800.00**
39	Supply and fixing of children play equiment maxima N Swing : Inverted U shaped structural posts of height 2.31m are to be schedule hot dip galvanized with a 114mm OD and 2.2mm (Wall) thickness of the Tubing toprail at Heigjht 2.31m and dia 114 mm shall be an all robtic welded uint fabricated 114 OD plastic Components such as swing seats super thickplastic shall be anminated and shall be rotationally molded from antistic copoymer virigin linear low density UV stabilized Polythyene with Colour molded in and minimum thickness of 6.8 mm the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges								
	Approved Data Rate								
	Swing	**Each**							
			1				1.00		
						Total	**1.00**	**188495.00**	**188495.00**
40	Supply and fixing of chilidren play equipment four seater seesaw The Seasaw Consists of two poles of dia 114mm and thickness of 2.5 mm which balances the horizontal rod at the center which is the size of 3110mm length and dia 114 mm with consists of a 4 seats which is made of LLDPE virigin plastic of size 305mm x 213mm x 125mm the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges								
	Approved Data Rate								
	4 Seater	**Each**							
			1				1.00		
						Total	**1.00**	**107240.00**	**107240.00**

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
41	Supply and fixing of children multi play equipment with two slides monkey bar baffles with animated roof upright structural posts of height 2.2m and 3m are to schedule hot dip galvanized steel with 114mm OD and 2.2mm (wall) thickness of the tubing deck of size 1.45mx1.45m and stair case of size 1.05mx0.77m are fabricated from 2mm perforated solid punched steel deck perimeter is a precision pre punched for attachment handrail of height 1.90m and dia 32mm shall be an all robotic welded unit fabricated from 32 OD galvanized steel pipes with a baked on a powder coating finish spring climber of thickness dia 38mm piped walls of height 2.2m are all robotic welded fabricated from 32 OD galvanized steel pipes for the outer pipes and 25mm OD galvanized steel for the inner parallel bars with a baked on powder coat finish the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges								
	Approved Data Rate								
	Slide	**Each**							
			1				1.00		
						Total	**1.00**	**1102658.00**	**1102658.00**
42	Supply and fixing of children play equiment Fiero A swing : shaped structural posts of height 2.31m are to be schedule hot dip galvanized with a 114mm OD and 2.2mm (Wall) thickness of the Tubing toprail at Heigjht 2.31m and dia 114 mm shall be an all robtic welded uint fabricated 114 OD plastic Components such as swing seats super thickplastic shall be anminated and shall be rotationally molded from antistic copoymer virigin linear low density UV stabilized Polythyene with Colour molded in and minimum thickness of 6.8 mm the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges								
	Approved Data Rate								
	Swing	**Each**							
			1				1.00		
						Total	**1.00**	**126892.00**	**126892.00**
								Construction Total Amount	**6354389.87**
								Add GST Charges 12%	**762526.78**
								Tender Premium Charges 5%	**317719.49**
								PMC Charges 1%	**63543.90**
								Miscelleneous and rounding off	**1819.96**
								Total Amount Rs.	**7500000.00**

Certificate:

1.Certified that Adequate & necessary provisions have made in the estimate.

2. The work spot comes under BBMP Limits

3. Estimate is perpared Making Use of essential Item of work as per site Conditions in safest way of Execution

4.This work is not included in any other program of work

Assistant Engineer
P.D Ward No 84
BBMP

Assistant Executive Engineer
Project Division
BBMP

Executive Engineer
Project Division
BBMP

ನಂ: 08 ದಿನಾಂಕ: 10/01/2022

ರೂ: 75.00 lakhs Seventy five lakhs Only

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಯವರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾವಣಗೆರೆ ವಲಯ, ಚಿತ್ರದುರ್ಗ

Technically Sanctione for Rs. 63.54 Lakhs/-

Rs. In words Rs. Sixty three Lakhs Fifty four thousand three Eighty nine

Under P-3588

Job Code No. 04-20-000093

Registered as CE No. 24/2021-22 Subject to conditions contained in Enclosed Memo No. CE/DZ&TS/24/2021-22 Dt: 05/07/2021

AE/JE: TA CE(DZ)